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Updates

ADDRESSING ISSUES AND CONCERNS OF THE CANADIAN CONCRETE MASONRY PRODUCERS ASSOCIATION

Several emails will be forwarded to keep members informed of activities and important issues that are occurring. If you have some industry information you wish to share with CCMPA members, please forward it to the CCMPA Office..

What is CCMPA doing for you ?

Upcoming Meetings:

Ontario Masonry Design Awards

Saturday, November 15th 2014 - Allstream Centre, Toronto, ON

CCMPA Members Christmas Luncheon— December 12th 2014—12 noon—International Plaza Hotel, Toronto

CCMPA Members Meeting

January 2015 TBA —9:30am —CMDC Office—360 Superior Blvd. Mississauga, ON

NCMA

Annual

February 18-23rd 2015—San Antonio, Texas

CMCA Annual Meeting

May 5-10th 2015—Trump Chicago, ILLN

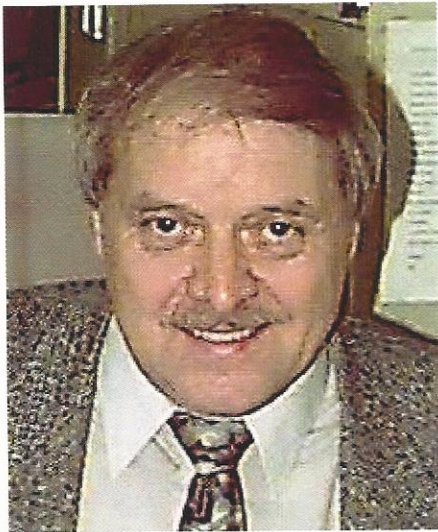
CCMPA Mid Year Meeting

August 17th 2015—Sheraton Montreal, PQ

NCMA Mid-Year

August 18-21st—Sheraton Montreal, PQ

IN MEMORIUM, Dr. John L. Dawe



It is with regret and deep sadness that we announce the passing of our good friend, Dr. John L. Dawe.

John served at the University of New Brunswick as a professor in the Faculty of Engineering for 38 years, before his retirement in August, 2009. He was a leader in research and education, nationally and internationally, and a dear friend of the Canadian masonry industry. His areas of expertise included retrofit and restoration of existing masonry as well as the structural response of masonry in-filled shear walls. He authored and co-authored numerous research papers pertaining to in-filled steel and concrete frames, masonry shear strength, retaining walls, masonry ties, flexural rigidity of masonry walls, and beam-column behaviour. John taught graduate engineering students at UNB in his masonry course, "*Theory, Design, and Construction of Masonry Structures*". He volunteered as Symposium Chair for the "4th Canadian Masonry Symposium", June, 1986, and the "9th Canadian Masonry Symposium, June, 2001", both held at the University of New Brunswick.

John served as a member of CSA S304.1, the masonry design standard, through two critical periods of development and publication in 1994 and 2004. With the masonry industries of the Atlantic Provinces (AMRAB), he helped establish the Atlantic Masonry Research & Advisory Bureau at the University of New Brunswick in 1999. He served as its director for many years and in this capacity, provided technical and engineering assistance to all sectors of our industry. During this time, John pioneered the use of computer software for the structural design of masonry, and in 1995, AMRAB released LSD-95. Until only recently, it served as the masonry industry's structural design software, in general use by engineers on PCs all across Canada.

John also served our industry internationally. He served on The Masonry Society's Board of Directors. In 2003, he received The Masonry Society (TMS) "John B. Scalzi Research Award" for his outstanding, lifetime contribution to masonry research. In 2006, The Masonry Society (TMS) formally recognized him as a "Fellow Member of the Society", bestowed only on members making outstanding contributions to TMS.

John was a deeply private person. He was a brilliant man, with an incredible wit and sense of humour. I will never forget the masonry industry's 11-city cross-Canada masonry tour of 1996...John Dawe presenting LSD-75, John Glanville introducing the new textbook on masonry behaviour and design, Mike Hatzinikolas lecturing designers about building science and extreme climates, and me, introducing recent changes to the CSA masonry standards and the new energy code. I still laugh when I recall his antics. I miss him. We will all miss him.

Gary R. Sturgeon

CCMPA Annual General Meeting & Golf Tournament September 4th 2014

At this time we would like to thank the following members for their generous sponsorship at this year's AGM & Golf tournament:



Brampton/Oaks –Wine, **Blok Lok**—Opening Reception, **Essroc Italcementi, Lafarge, Holcim, St. Marys**—beverage cart and bus coolers, **Permacon**—Men's and ladies golf prizes, **Shaw**— Post Dinner Reception, **Day & Campbell & Richvale**—bus transportation and **Santerra Stonecraft & CCMPA** Raffle Prize. Matt Stajan sweater—St. Marys & Boehmers.

Hole Sponsors are: **Brampton, Lafarge, Richvale, Holcim, Solomon, CMDC, Essroc, St. Marys, Century Block, Walker Aggregates, Dixon Gordon LLP, Hess, Columbia, NCMA, Besser and Boehmers**. All money raised through the raffle ticket sales and live auction \$7,500 was donated to Community of Hearts.

Saturday, November 15th 2014—Allstream Centre, Exhibition Place, Toronto, Ontario

Ontario Masonry Design Awards (OMDA)



Masonry in Ontario has a long history and a bright future. It has a presence in our memories and our hopes, as well as being a tangible part of our everyday lives. Masonry provides the means to create architecture that is innovative, sustainable and secure. Vision, beauty and strength: these are characteristics that radiate from the finest masonry structures. It takes talented minds and hands working in harmony to bring great buildings to life. We believe that such excellence in design and workmanship deserves to be honoured. The Ontario Masonry Design Awards have been created in recognition of the amazing work we do in this industry. CCMPA was a major sponsor

Please go to the website www.ontariomasonrydesignawards.com to see which projects won, after November 17th 2014.

Dr. Nigel Shrive, University of Calgary

Written by CMDC Staff:

David Stubbs, B.Eng, P.Eng,

Bennett Banting, Ph.D., E.I.T.

The Canadian Masonry Research Council, a partnership between the Canadian Concrete Masonry Producers Association (CCMPA) and the Canada Masonry Design Centre (CMDC), provides financial sponsorship and in-kind contributions for research programs across Canada. This series of articles highlights the research programs and professors who share a connection with our industry across Canada. Today we look to Dr. Nigel Shrive, a Professor in the Department Civil Engineering at University of Calgary.

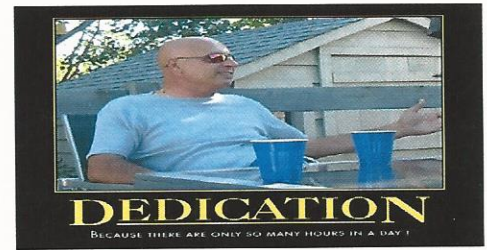
Dr. Nigel Shrive has a rich and successful history in working with the masonry industry over a diverse range of areas. His most recent work has focused on two seemingly different, yet interrelated areas of research: restoration of masonry heritage buildings and response of contemporary loadbearing masonry. On the one hand, Dr. Shrive has dedicated considerable effort towards preservation and restoration of culturally significant masonry structures across Canada. This includes working with the Intelligent Sensing for Innovative Structures (ISIS) Canada Research Network, Public Works and Government Services Canada to conduct experimental testing and analytical modelling of the Parliament Buildings Westblock restoration efforts. Since Ottawa sits in a geographic region possessing significant seismic risk, this work has been instrumental to the ongoing rehabilitation of the Parliament Hill buildings.

On the other hand, Dr. Shrive has also focused research efforts towards the experimental testing of concrete block shear walls detailed with wide-spaced and partially grouted reinforcement schemes. This has largely focused on the in-plane strength of shear walls, with Dr. Shrive, a sitting member of the CSA S304 committee, contributing, in part, to the changes to the 2014 CSA S304 masonry design standard. Specifically, since 2005 the requirements of the NBCC have required that “*post-disaster buildings*”, such as pumping and electrical transformer stations, etc., be constructed to possess a relatively high level of ductility (*the ability to dissipate energy*), exceeding that which was previously allocated by code for conventionally reinforced masonry construction. This meant that a lot of structures that had been historically constructed with concrete block, had to either adopt significantly more stringent and restrictive detailing (e.g. very large amounts of rebar), or would be changed to a different material. Dr. Shrive’s continued work and investigation in the area of conventional masonry construction has helped to drive changes to the updated seismic design requirements of conventional masonry. This means that through the new edition of the CSA S304, designers will be able to adopt wide-spaced and partially-grouted masonry in a broad range of applications meaning more economical and constructible low-rise loadbearing masonry.

Finally, through the combination of Dr. Shrive’s interests: advocacy for historical masonry and preservation of the traditional techniques of our industry as well as his work in contemporary loadbearing masonry. The next edition of the CSA S304 will also possess for the first time empirical design requirements for masonry arches. Contemporary masonry arches are typically relegated to non-loadbearing veneer applications where the ‘arch’ is really just brick or block supported on a curved steel lintel. With advancements in technology and design codes, it is often too easy for architects and engineers to forget about the methods of construction which were relied upon in the past. With Dr. Shrive’s work, the masonry arch is once again a viable design option, and although design requirements at this time are fairly general, there is potential for further refinement and enhancement so that masonry can once again be simply and safely relied upon in arch form.

Jerry De Luca

In September with the announcement of his retirement, CCMPA awarded Mr. Jerry De Luca a Life Time Achievement Award for his many years of dedication and outstanding contribution to the masonry industry. We also thanked him for his role as President of OCBA. CCMPA wishes Mr. De Luca all the best in his retirement.



CCMPA Annual General Meeting & Classic Golf Tournament 2015

The Annual General Meeting and John Grimo Cup Golf Tournament will be held on Wednesday, September 16th and Thursday, September 17th at the White Oaks Resort (Niagara-on-the-Lakes) in Ontario. Registration information will be forthcoming.

Once again members are asked to submit charities we can support to the CCMPA office by January 2015.

This year we will be changing the format of the event. We will start the day off on Wednesday afternoon and will have the Annual General Meeting at 1pm that afternoon followed by a meet and great reception from 7-9pm.

On Thursday morning, we will have a tabletop tradeshow for the supplier members to showcase their companies and anything new to our membership. This will be followed by a golf tournament at a nearby course (less than 12 minutes away from the resort, so issues of travel time will be resolved). There will be a closing dinner at the hotel on Thursday evening. Departing Friday morning.

MASONRY INDUSTRY ASSOCIATION OF ATLANTIC CANADA (MIACC)

Canadian Concrete Masonry Producers Association (CCMPA) is pleased to advise that the University of New Brunswick has been granted a donation of \$7,550. This donation is to be used as a stipend for an instructor of the civil engineering course CE: 5073: Structural Masonry Design for the 2014/2015 academic year.

It is CCMPA's endeavour to provide universities funding for courses that address current design and construction practices. Consequently, they requested that the curriculum of the course focus on engineered masonry design, and include following topics as a minimum:

- a. Masonry material properties
- b. Masonry assemblage properties
- c. Behaviour and design of concrete block beams
- d. Out-of-plane behaviour and design of concrete block walls
- e. Behaviour and design of concrete block shear walls
- f. Complete design of a single-storey concrete block masonry structure
- g. Distribution of lateral loads within a single-storey concrete block structure

CCMPA is showing great support for the masonry industry in Atlantic Canada. Funding the Dalhousie University over the past five years has enable the University to provide masonry courses and to carry out various masonry research projects.